Aviation News



taken for the 36th Anniversary of the Army Air Forces observed on August 1. See story page 10.

NEWS HIGHLIGHTS

New Plan for Vigorous Air Chamber: Industry committee proposes extensive changes in national trade association's organization.

23

Separate Air Force Reports Persist: High officials concede plan is being discussed seriously in government and military circles.

1/2

More and Bigger Gliders Are Ahead: Production reaches new high, with maximum output scheduled early next year. Airlines to Set Up Clearing House: Central bureau to handle inter-line financial accounts proposed by Air Transport Assn.

1

Precision Bombing Gains Stature: Sicilian, Italian, and European campaigns verify AAF's theories of pinpoint attacks.

44

United to Join Airlines Committee: Lone domestic hold-out to sign up with other companies for private foreign routes.

Washington Observer

TYPE United States was never closer to residennon of a Suparate Air Force than lote last week as this column was written. The subsect has been alternately het and cold for years. But It is a subject everyone in Washington talked shout privately, but nobody would not anything publicly. The persistence of the subject this time is civing it strength. It won't be downed. Highly placed officers in the Aerry seem convinced that the White House, for the first time in the many years of controversy on the subject, is leading bearily treated restruction of all our various air

in the Army and the Navy. May Gen. George E. Stratemeyer, Chief of Air Staff, has been raccorded by Map. Gen Barney M. Gors Strate-



of the Force.

Over on the Navy sale, where airmen have been validy trying to cut an alcount on the chiefs the designation of Vice Admiral John Subser-McCan as Deputy Chief of Naval Operations (Air) in the Office of the Crief of Naval Ones. ations. Most Navy airmen are not as baner over prospect of a Separate Air Force as pre show opposite marriers at the Aeury. One of the realess the Arrey is in better position to meet than is the Novy. Another or that at would be larrely on Army show. The whole story will be rold

publishy before less. AVIATION NEWS . August 2 1943

Reports are gathering moraestum that Charles

Wilson's next trip to aircraft factories around the country, to believe what appeared for a time to be laceure needuction, is still up in the sar, The data of departure and the places he will visit have not yet been decided. He had planned to carry his pice for production to undividual plants after a check of production

F Wilson WEB Francisco Vice-Chairman in

leaving the Board about Sept. 1. Wilson won't

confern of Incadentally Wilson and WPR

Good news from the firstine freets means more headaches at WPR, and Duceld Nelson is a hell of a way from Berlin, and that's where

Reday, one of our most cloudy-guarded atand Navy Departments are refusing to pass stories or advertisements which involve Radar, Chief transmir that too much information was being given our piece-ment, manufacturers were revealthere was a real to get on the Radar burdwayon.

The Office of War Information is preserve a on the OWI arenda will be so the Air Service

Ast, mil. highest and water transportation men are avertise with mand recotions the re-

publicity.

least of Senate hazings on the Long-dispassed all the country's transportation crossess. Hear dopen or so protonal systems, each with a courds volved in the area served.



ACK UP OUR BOTE ... BUT WAS BORDS

POREST -- Fight Indonesis, 60602-64003 -- Area

tion, Datastim, Communication Epidemon weckerson

-- Shouth Injector Contractors SQNESSA*-- Shouth

poster seames - Arrest Storter, Contained



Organizing Atoms for a Better Aircraft Engine

in the virtual of aircraft carrier Report currences become by rea-

chemical laboratory facilities are today

All Benzer engages are put through the

"ON THE REAS" -- Eco. Workington's Revent Address. of the Luced Nations, Easter engineers

AVIATION NEWS . Annut 2, 1942

arid test of artisal operating conditions in scientifically emipped

Bivision of Foirebild Farine and Airelana Corneration . Formingdale Long Island

program in the construction of too many war places and ten much was continued. High WPR AVIATION NEWS . Asset 2, 1943

Congress are beganing to take an interest in the future of sircraft production and skrites operation. Consequently it would be a good

Congress has gone home-or least collectively what were reblicity minded legislators stay in her weather. The eresons Because newsmen setkments can get only to the ones in cown. Cornesecurity, don't pay too much attention to coneveriously reaction to events during the next few weeks. A few expressions should be made, of . . .

a planning to call a mosting of CAPA-Permasent American Accornation Commission—in Department's You Burks, U.S. delegate, hus had no official confirmation. CAPA has been re-

The two or three day July 4 holiday tought WFB and Army production men here a lesson. Warnings will go out to all plants to watch their seep on Labor Day, WPB was bard persond to first a day when unit production of aircraft was

Blick Washington officials are easier to porch completed materiel in warehouses along the some cases huge. But they also want the public to try to realize how fast these stocks will go down as more shapping becomes available and as our troops move on into Europe. For exemple, a stock of sizeraft engines could dampear entirely within a few months. This entire tunply, m coates, does exact

WPR is explorative recover criticism of its

officials are perfectly willing to face this criticism, bearer, if they are arred by somerodaction.

Ton WPR officeals now that the airfrages indestry has sufficient plant space of present to but some adultional construction can be ex-

Listle published, but of great import, is a WPB more to review the entire Army-Navy was production program, including simpleses and shine. Army and the Navy should have too much rather than not enough of age needed material. but as one official said, they shouldn't have "too Washinston that the war production progress will underen important chances in consen-

follows off as was the case in tanks. There is sut-fisht our best. Most top afficials doubt that

concerned with birth sweed aircraft will be stadied. For example, tremendous problems arise as maximum meeds set beyond 450 mph, with propellers, It would not be beyond possibility that we are already approaching the 500 gaph, speed and ment make special effort from now on to overcome attendant engineering difficulties. We will

Most top-dight engineers in Washvarton reflect a coolings toward the glader for may pur-One eatherity and the other day that "so far we have seen no erithmetic that makes sense scenble future" Most sutherstars expect that improvements in company of operation will

A Heavy Duty Lever Switch you can literally Kick Around

· Under rough usage where more often than not pullfy levery are turned such the lark of a homey book Massaco, No. 2721 Japan Suddens are

showing they are built to stand terrific pushkment. Quee larked in place, all the lar and vibration in the world won't shapes chasis a heavy know frame, rigidly braced. On this is exported a

arrangement, with other looking as non-looking action, has made this as Radia Transmitton, Signal Systems, Uphting Systems, Alteraft Electrical

Cantod essentifies of 12 springs per ple-up, 24 springs per position, or 48 sames total have been accountally built was the switch. Special



MOSSMAN

Electrical Components

AVIATION NEWS PACE

THE PHOTOS

Palifidae Years been Malaber

1262 National Press Building

Lemm 14. McGraw: Foundar and Hancons Downer of Gardenon 116 West 42nd

About AVIATION NEWS

to fill the need for a timely and authoritative menta. Its purpose is to serve those key executives and officials who, in order to soundly plan and develop our aviation future, must As publishers of Appeties, America's oldest

serensutical magazine, we have been scutchy recorings of the begader needs for information created by the continuing expansion of year News marks the beginning of a complete information service to meet clearly defined war and postwar requirements Amotion, its over 43 000 paid ashsenhers in all histories builders: the men who operate, and maintain our air supremacy. Air Transport, edited by Enselor Rarbor, which will make its initial annearance in Sentember, will serve the larlyly mensioned needs of the air earner.

PTT-ber serve anemorous of Assumers Name is to become indepensable to the men who have who are molding our aviation future. Completely, yet tersely, it tells the week's avia-News will so beyond reporting news events It will interpret their significance, their rela-

tionship to other facts. The saving of the Publisher of Aviavany News is George W. Pfeil, publisher of Assetion and Bus Transportation. Robert H. Wood, well known awation news editor and analyst, will direct the seasoned editorial staff with beadquarters in Agrangatical Chamber of Commerce, is Maneging Editor, with Home Stubblefield on special assignments, Merlin Mickel, Transneet Robor, Mary Pauline Perry coverage war arrectes: Setoler Banco, Pacific Coast Editor, Editors are also located in New York. Detroit and Chicago, with correspondents in

These representations has a swift publishing solvebale, Editorial forms close Thursday of each week and the publication mails Friday. not into effect make it possible for us to render the additional services represented by AVIATION NEWS and Air Transport within our reduced paper outta as established by the

ATTETON NESSES builds serven the foundation publications, each a recommed authority in sex essential field. Besides Areation, these inclode Summers Week American Mechinist Parties Management & Maintenance, Florida. cal World, Bus Transportation, Electronics.

and others It is press time for the first issue of AVIAwere Name. We have you like it and with each service which we have as our prime obsective.

President, McGran-Hill Publishing Company, Inc.



fired the Chember's affairs The

public relations department was

necessitate a change in the assess-

Industry Executives Backing

Plan for Vigorous Air Chamber

Rejuvenation of National Trade Association expected to become effective in near future. Need urgent in face of numerous industry problems.

The average exemplecturing on- to President of the Chamber and dustry which list spring set upon with an executive head to actually He own trade association—the Acronustical Chamber of Commerceand make to now going to revital-

Key Meo on Committee-The comgrittee, remed by the Board of Gov-

York July 27, to held its second discustom of the situation. The com-Division, J. Story Smith, vice-areaident and secretary, Jacobs Knaune of Northrop Airtraft, Inc., and James P Murray, Bound viceex-offices, are agreed on a general

aggressive administrator with a workings of Washington byways and an equally well-qualified man only one-fourth of that of the preto set up and direct a public rela- vicus year, and consequently any

Decembration Secup-Current plans call for a member of the infustry ment set-up. This would assules AVIATION NEWS . August 2, 1943

some different wave the Chamber's Postwar Gen Reball-Included to Department which is employed in





to reserve suitibles beenght sould erranges to get it into effect as seen neary cohbests. Mean cartares like Army obenes ere effected Photo our horsens charlete. More would Sans officers sales one study constant On Restricted Basis Now-The Chamber at present is operating on n restricted basis, with a businet

solute outer earlie before the self-rail



This recolors, what the recent Truon some parcraft manufacturers. restal The Under-Secretaries not ealy declined to discuss postwir can take an effective part in imporaviation prospects, but indicated tant decisions and plans now being that their listeners should cordine made for the industry

Army Air Forces Observe 36th Birthday Anniversary

Stantid Aug. 1, 1907; fest "military" fiving machine sequired Aug. 2, 1909. Officer and two enlisted men were nucleus.

efficially set up for the study of ser-And in that act the mighty 'roundtwo enlisted men were assigned to the division at that time Today searly 1000,000 man - expertly trained priots, bombardiers, radio

Just 36 years ago-Aug. I, 1997. F Wright Plyer' Accepted-Just ger Today, this airpiane is hadden ation, removed from public exhibi-While Aug. 1 is the birthday of



AAF on the Wirse Here is the contained of the first "milegrat" appropri acquired by the U.S. Army on August 2, 1909. The place in Fort Marr. Vo.

bern court to get official govern- their thinking and activities to war interesting to a few, but skeptically

FRished Their Necks-Instead of thousands of warnings in every seem men with vision who were 1909, was a bigiare with a wing aprend of 36 feet, 4 inches, and a pring ween of 456 avenue fact. The crate, erepty, weighed \$40 pounds.

sail by means of a 1,460 nound

h Arould Was Ploneer-Amous the

moneco was young Large Armold

neers who must share in the observ-The AAP celebrated its burghten

Wheeler Protests Senator Wheeler, Democrat of

merce Committee declared it to evenuletely wrong" far rustronds

AVIATION NEWS - Arount 9 1945

Airport Projects Held Unnecessary

WPR was't permit enumeries of Manager and equipment are as

maternia, eccepting to With offcush, who do not envision remetalme many of the CAA airport projects were canceled by WPB Seven. of these properts had been with-WPB reinstated nase projects at the request of the Army or Naxy

CMP Working Well Both industry and WPB report CMP-the much-discussed Con-

aren't skill some 'bugs' that have to he eliminated, but both members of industry and War Production Board Frener Kirks-A WPR official sand plaints in the last tirre morths about makeful to obtain materials On both the ensymment and ma-

dustry sales of the fence is a browand given an opportunity Beech on Exchange Beech Aircraft Corp (BCX) is now luted on the New York Stock AVIATION NEWS . Appear 2, 1963



U. S. Carrier Fleet Multiplies; Already Outstrips Britain's

Nevy's complement estimated at 50, and growing mouthly at record pice; many are conversions from merchant vessels. The U.S. is building up a force of PEnemy Always Reachable Auxilbelow energy curriers at a mortilly makes carry forces of according

rais which would have been unbereunding conveys Equipped with lignable a year ago. Our carner strongth already exceeds that of The Navy admits that "doesns" conduct to official appropriate P'Carriers Doored'-Marrie-Nothorston like Glann L. Niette gree the carriers short bease—only tall lang-winded future planes can but any appl on earth from home base. The furthest point from any point in the world is only 12,500 rules. We have designs in the works now

to today's problems er, and less arreared than a Soul carrier Escorts originated in 1941 when the Newy directed the Marito a fint too. Most succliaries now

catagolis, they transport fueled-up combat planes to combat range h Balay Facart Carriers-These "Woolworth" carners, or they are called are ecurpped with flight decles hanne decks, and machine shoos hits fact carriers. They have slevators, and can give complete overhault to their brood planes. They corry the Orsenman Assessors and Wildrest, Vought Corner F4F, and presumably Deugles Dountless A-36s, phas deliveries to the front of from their decks, including fathees P Scored at Arra-An assoliary car-Alto When low overrest prevented

discussed the question of building floot carriers smaller, so as not to have so many bords in one nest. It was named that, though the big carrier is more vulnerable, its greater de-Senates and striking power more than offerts that deadwantage Jap curners are about held the sure of by the Kaner yards as carriers, so

NACA Expert to Push Study of Aircraft Design Problems

Dr. George Lewis assigned task of visiting plants; concurn rising over slow progress of new planes

Concern over the solution of the, whose There have been previous, sion of the National Advisory Commotter for Assentation to have Dr. Aeronautral Research, make on New Fighten & Bombon-New mont and recommend the steas Now Lab. Working 3 Shifts-Dr. Lowis started his series of confer-Fixed, Calif. The 500 men and wa-

New Types Lacking !-- It has been and ultimate attack on Japan when duce in combat a really new wars not are ready for it same tune. Dr. Jerome C. Honseher. leign measure is responsible for



NEW CARGO LOADER: Minutes speed on the field said rules Cleveland, derund this reader a

Gen. Giles Becomes Chief of Air Staff

Succeeds Gen. Stratement as sec-Mm Gen Berney M. Gries, formerty Assistant Class of Air Soul for Operations. Communication and Chief of Air Staff, AAY, succeeding Max Gen George S. Stratemeyer Gen Stratemeyer, Air Staff Chief

programme" the War Department h News on Gen. Armyld-Gen. Gifes. background and experiences lie

1928 after serving overseas as a five fighters are on the way where fire- any officer in the last way. His traininc assignments in this country any phase of accompational develop. I More Ton Air Scotl Changes... Adinclude the appointment of Brig ter, Maxwell Field Gen Perris, who was in Caire is

1941 or Military Air Observer in the Middle East, will serve with Brit. William E. Hall, as Deputy Chiefs Contends Law Bars Rail-Air Combine

ms specifications A. C. Wasnud, Charl of the Trans-Tom C Clarke, Chief of the Divihelicopter router because they msert the law does not permit areatspeeds beward 400 miles per hour one of the applications which must be solved as quickly as PTo Show Visioning-Hearings will

1904 rate which much of the antitrust net was written. No surface CAPTURE COM SOUTH OF ODERAGE BA HISline except as surularly or supple-Justice feels that an established surface currier would operate an surine only to protect its revenue.

AVIATION NEWS . August 2, 1940

Hoc Output Up

The Was Dusdactors Board has to \$45 a few months and

Ecuadorian Here

Gen Biesgde Astudiffe, commonand sir force, has taken residence military rustices. He will be a member of the Inter-American Derived by plane from Macon.



GUNNERY TRAINER

tions to an into full-state strategies in this slock adequate current cress peaser, called the Gurner, by Fairchald It is made predominantly of special Description Principle descripted property. The furnished street corners and all freed test surfaces are of Duramold. The Gezmer is pour-

Manufacturers Discuss Forming 'Personal Aircraft' Association

The promount by Dwarse L. Web. lack of a public relations departof Personal Agents Manufacturers heardt project. Differences between rotary was craft are bound to be Murray Proposes James P. Mur-

Ward Says Our Planes provingsion was within the Chom-Are Prewar Models ber structure. Marriey further suc-Stresses that appearment about keep niccraft jadeany after after

AVIATION NEWS . August 2, 1941

Rotary vs. fixed-wine Differences in forefront at Chicago meeting; Acro Chamber affiliation urged. Fortiged for Global Warfare-Asserting that "the Allied Nations ment in the Chamber, a consect fare to a degree unknown to our which the personal plane molecus enemen," he described the Floring Fortress as "our most potent offen-

> out that it, like Warkstohn, Avecohras, Lightnings, Marsaders, Mitvitaliouse the Chamber includes a vacorous public relations profram. Lest reports indicated that the years our Affice braucht equipment ration. Whether it will eventually become a part or department of the most of these weapons absent when Pearl Marter cracked down on un'

Court Arresult War Production

coverament, after the war, do its F Combat Tests Needed-"What the continue to procure operating quierenough to subject them to the tactical exercises which will put their

Aersal warfare has made it celar scate steel to "an ever-recreasing offeet in development," J Ciriton Word, Jr., president of the East, quality under battle conditions and lead to further developments? It is doubtful be said, that the employment. He mid that he was "that we can be protected except by unconvinced that the national Ad- acts or directives of Councies"

reseastration would permet the industry to store up reserves to help "I don't believe," Ward asserted,

FEDERAL DIGEST DPC Approves New Contract For Bell Vermont Plant

OPA NIRB actions relating to aigcraft industry are summarand for the week; Consolidated Value gets funds

Defense Plant Corporation has employees may vote for Interna-Warkers, AFL, for Endso Union Corp. Buffslo, N. Y. will neverth facilities in Verreges at a cost of approximately \$2,000,000 Another tion continue \$459 000 at a plane as New York The over-all commet-FOPA aenounces provisions by

plant feelflies to Mybupo at a of approximately \$86,500,000. Consolidated Valtee Averal

Nacional Labor Relations Board and "catellite" plants of Howard Schools Face Disaster: NewContracts Needed New imports required in War

schools operated by Army & Nevy New impetes must be injected into the War Tremme Service if the

Courses in the schools towning polets for the Array under the Ro-Piler Peak Near, Then Bertice mean-Officials my that the Navy a

mediately offseted. "In several months," secondary to one official, and about 14,000 codets a month

Some schools operate both W78

Georgia be was connected with the | | R. McLosn Serwar, Executive Di-

traveling to Chicago, Minnespelm. AVIATION NEWS . August 2, 1943



2. THIS EXCITING AIR 2. AIR NAVIGATION

4. THE STORY OF FLYING Carrier and other puerps that holk goes a facility originated account of the property of profession on the purpose of the late.

And my the Arts clothed below the 10 day and the total property of the total property of

AVIATION NEWS . August 2, 1962

TO PLANE

PRODUCTION



FAULTLESS CASTER CORPORATION PEPE, AN. S. IVANEVILLE 7. INDIANA

Brander is Principal Office . Consider Rectory Streeters, Consider

I The OPA ruling that all catalogie thetic rabber, nyintion muoline and

tion within 30 days of Jaly 14 so. Advisory Committee for Acronauthat production and magnessaure two at Lengley Field Va.

Loening At NACA

Knight Dies



THE AIR WAR

High Level Precision Bombing Wins New Laurels in Air Action

American planes being equipped with devices which permit bombardier to control flight over target areas. Maximum elicitude bombins, none- the neverbological moment. This re-

effective technique. Propert never a shell to explode on a bomber edepted for land operations it is Direct Hit -- In the process of maltitude precision bombeng, an femilie everywhere There were ten 1916s on occupied Europe A few newhere near enough Portrennes or that Brun Gen. Frederick L. Andercrews to operate them. Heting the one was appeared chief of the 8th Air Force Burther Command (po-

Train formed the beenhard by

The problem was to here the besider steady enough so that the bombs could be dropped right on the Council Over Tregge -Naturally

details are servet, but the ware sten is that certain conserved in being stided to American heavy bombers in all theaters wherein the beenharder hymnelf at able to control the flicks of the place over the target area. Hitherte he has had to com-Other techniques have been deselected whereby the hersbarder is able to pre-set the burshault to

P.Pro-Perry Boreline Pays Office

The securety in Tunin and Biocrie lerse, Beine, Robert Canten-

then 1 500 miles to Mast Norwayshot down. One of our planes fashed

in this, the lurgery and yet so that terest Europeur was bisated army distances embraged by MasAsthas's



epublicized Transport Stortless there of one of the Nated Air Presuper-

Depublicated Transport 200-sent them of the ay see more per a compen-Sensor's Contributed "Companie" four-engined flying bests, probably the



Arlanne Paped News Grassenax "Avenger" torseds randers and for world-wede set paped. Although we

Divisional The RAF's prestice, be-

plones and a speedy sub-chaser are shown in traversy down amazently have been out of

offensives are breath-talogic. From runs) in the Selamous is 3,000 trains bases on Timor, and ranging the

The sensational fight of Bastleshop X nations a swarm of Jon dive Pacific fighting some made a proton editarnia who ere responsible for battleskip semisment. The test they restlict their target Result

New Liberree reinforcement are or force in increment numbers. When all sirports are deemed statthe headlines the Japa dread. The

Max Gen. Chennali's Bentrung-High Altitude Plus Precises; Handreds of Boring Physic Fortresses like ters in China report the Japanese pilot supply continues to degrees. this B-17F, tearther with Consolidated Liberature, are malone the critics In addition. Zerns proverly shot of high slittude precision beenlying out their search. ANTATION NEWS - Asset 9 1941

Fifther'es using P-38 Lightnings for shoot consultant in this war its cluding the fighting purposes for

Acting Secretary of War Patterna.

FTroop Cierier Command pilots in

spetted at me. Only hope for the rescupes, with L000 hours of con-



AIRCRAFT PRODUCTION

Aircraft Output Shows Upturn, But Not At Levels Scheduled

Gain is gradual, with over-all seven months' picture considerably below expectations of Washington officials.

becrease of the end. The secured

Output of exercit, which had set- chology, sutbacks in some sterra-While June production in units was barrely over May's appounded 7,000 sies, the middle-of-Puly estimates duction Board officials, the Army, the Navy, and the undustry. After mid-month-courts up with June

copped the June figure. They took

> Tuly under \$,000 - Before the during duction slarap perplaced WPB and definitely licked. There was no lack solved but pretty well in bandin distribution. And while star-

b Holiday Shape. Part of the fallows off for July was dee, of course, to

AVIATION NEWS . Avenue 9 1945

of War Patterson and not load what

Then caree a fleat of official variants arrived overconfidence effort to concent his concern. Navy conference warned nement foolub ser that our pays and military men mucht have to be fought in 1949. Everywhere, there were official pre-1615 of Open Day by End '65-1,592 war plant executives in Cha-



Hilly Mitchell Boreborn, Hore's another B.26, rolling out the doors from





Assorbes Are on the Way. There had notes for the Aris which more

scheduled for 1945. At the same meeting, C. E. Wilson, WPB vicediagram and chairman of the Air- schedule, now in its fifth revision warred that the energy's strength

Gull Wing Explained Respon for design explaned by

named the currently of layren and nerdical engineers. There is, of Navy debter. The Corner is built sound the 2,000-bg. Prott and

gear which would be necessary It sould be difficult to cutract

If the combined effects of uso- March of next wor, probably will not be reached until med-1946 they figured, would be necessary to They came up with the inverted

> night angle—a position, they held, that was reast efficient aerodynami-Douglas Plant Opening World's largest curgo plane plans seems at Olivano, July 31

cal materials, and solely designed of C-54 Shyracoters, the Chicago of wital ayess and supplies to bettleown agfield with four main runways Cost of the layout was \$33.-

Constructed of wood to save criti-

Hundreds Join Cessna Post War Plane Plan Priority delivery system for family sir cors wise customers.

Nearly a thousand persons el-\$ \$750,000 "Earmarked"-These per dustry still may come fairly slope to ple, according to Course President Dwine L Wallice, have 'exrand by the end of the year producof a region deliars in War Bonds tion should be 3,000 planer a month Peak production, variously fore-

one listing with them the scriel number of as little as a \$15 bond. A the hating of serial numbers and denominations of War Sords market the propeller And they pointed the future. Course first amounted stem from the fundame of a perfect Air" more than a year neo, empha-

see, without any previous expen-Set for July 50, in Chicago, Donto. than three repriers of a million dollars in War Boads carrowrood for

SAINT LOUIS MISSOURI DIRECTOR PARTY AND POSSESSED AND PROPERTY.

WHITE-RODGERS FLECTRIC CO.

Stout Designs Peacetime Air Cars Studies postwar possibilities for Aviation Corporation's giord system of aircraft production plants.

The giant Aviation Corp., mak- have a 30-61 was sweet a range me earther studen of postwar of war production, recently not up a Stoot Revenue Devision of Consulated Vultre, hended by William B Stout, syntion pieneer and investor. Steel is working on

3 Models Postwar Firing Care— will have a rounded transparent The Arreor is a "fiving automobile-more car then plane, demand ond denom is a condable arroland. mom place than car, for distance Third is the Helical (Heliconter). Special interest is attached by the industry to anything Ball Steat has

cuil and transport planes, particigrosse on the nementarities? Whale Who Flast riding at 70 mpb-Stout propesco a three-consense fiving our with four wheels and folding wines for light duty. Weight about 1,500 To, with a standard 60-jach trends

of 400 mi, and enough strength for

FUNE Road in Emergency-Steet places much emphasis on land ca-From two to five persons can be planter noon. It will be about 25 ft. long, 6 ft. wide and 6 ft. high, with a 33-51 retor. The fluxulate in of a new plantic With a conventional bangage, at will weigh 1,700 lb.

Respurpes Control Office World says ARCO, charged

Frontasis on P.S. C-16, C-16-Special emphasis new is better comme of the line at a new Chicago While the industry will not meet its 'theoretical' schedule of 12,800 schools, new in its fifth revision.







Parally Helicopper: Everybody is discussing helicopters these days. The tolk ranges from a determination to the suburbs further good from eities, even so did the gutowable. Some see the Ashpopter to the sir torn

AVIATION NEWS . August 5, 1940

WEW G-E RADIO-NOISE FILTERS for Aircraft

They provide excellent noise suppression -especially from 200 to 20,000 kc

THESE filters help immeasurably in providing the high-fidelity radio reception so important in serial warfare. They attoruste radio-poise voltage on aircraft electric systems (on circuits with such equipment as generators, amplidynes, investers, and dynamotors). They are particularly helpful in systems where open wiring is used to save weight.

FFATURES

- Righ ettenorian descritatis results in eccelent nelse reduction. A Comment and Substantiable (for 100-year author, shown at 18th.
 - oppose 2 1/5 th, measuring oppose 5 by 6 by 2 1/2 bs.)
- En la mounted readly in our neutron Operate efficiently fiver a wide temperature range (- 10 C to 50 C

m Comply with U.S. Army Air Ferres specifundance including the stringest receivements as to vibration and purioration

FOR FURTHER DATA and your O.P. conemendative for Bulletin QEA-4095, or write

provide at \$14 198 and \$100 company with the Special Security Secu

GENERAL M ELECTRIC

Edison in Aeronautics...

The hundreds of products and developments for

aviation that have risen from research at Thomas A. Editon Industries connot all he cited. Many cannot be specifically mentioned. But we want you of the Aviation Industry to know that our products are performing in

your industry in such a way feel year will sense to know more about or new

Intricate techniques, highly specialized mashinery and personnel longstime trained by Thomas A. Edison in making unions electrical control devices and instruments naturally led the Edison Industries to the manufacture of Edison Aircraft Instruments which have peactically every Army and Navy plane.

The Edison Ratio Type Electrical Thermometer

has only about half the weight of castler types . . . complete absence of halmorines classifiles Fdison Engine case an electrical oil temperature indirator, an oil pressure man, and a scotod fool pressure gage. Edison glass-scaled switches literally carry, their even atmosphere, sperule exactly as they did on the ground while up 30,000 rentional electrical switches and relays, in low

atmospheric pressures, carry only a fraction of Edison manufactures Electrical Resistance Thermarreter Bulbs that are in first demand by alcoroft manufacturers. Their heazed, one-piece cou-

struction makes them absolutely leakpeoof. Their in-hailt mechanical strength games cary and safe installations . . . rigid standards of accuracy and fast resource time assure excellent service. Please do not heditate to investigate the availability of development facilities here. Let us know your needs—perhaps we have some nurseers

to uncetions that have puzzled von-

Macronary arm of European (via Eventus Bergens) - Europ Amalian European - February European - Euro

Success of Sicilian Campaign Accelerates Glider Program

10,000 by end of '43. U.S. production at all-time high with peak planned for early '44.

The starting success of the Program Lounched in 41-Three 10,000 by End of '43-Production Manufacturing training and 15-mince Wago GG-4A, used in combeen so successful that sliders currying twice the load are leledy to

age larger gladers under develop-Only a few eight-place trainers How Thre Did Is. To our amborne troops you a large part of the credit are still being delivered. All others 15 confractors are building complete riplets Only one Forth is Iron Mourteen, Mich., plant is at

Freezalt bigger pliders-Richard C.

du Pont, Sperm Assistant to Gen.

present the nation's No 1 about ers. Eved has made nurserest h Mary Liverneys-orber Warn liver-

builders mointe Habrook, Brutal shared equally an experimental order from the Army for more than this order run out early this year, duction stendily on the upgrade. 1645, and five months later this firms November new about #80 shirm - about half of thees usuall

15-man glader. This played bob grad sixten delivered in De- with the AAF's glider rolet frammer cember. 1941, to the Army by Franklort and Lanter-Keellmann



use stone for those operations, unlooding a neep from a Word slider



Gladers for Investion, Need a new refreperator? Thus is one of the reasons goy con't have one This Gobson Manufacturing Co searchouse at Greenvelle, Mach, used to be full of refragerators. But our airborns tracps need have produced no other globers since transportation, and Othorn is near making CO-6A Weap globers, with pre-



be needed. Carrellations of conmost of whose members were small,

Comms pulled out, although the lat- \$ Towed at 120 man. When efficials ceders - because the Army date's Great progress in '45-The chiler industry was reborn, however, and

Decision as to the number of super-eliders which will be built and the number of companies which will be breaght into the program Ween. The Array also must decide whether to build up two or three

tracts for small state and weeks of HG S bear German desire-Glider news from according makes any weleran du Pont, who has the m glader development . . . We are but we have also equipped our

120 mph. or glide at 36 mph with-

a standard 70-errs howster with run error of three plus clater crow-P. Navy Jerrent Lars-Only a few

types of varyuse age or concentrate mendous potential/free," du Pont

"The use of sinders (so was) as

celled; the Mirradon will rive up the \$2,590,690 sirendy received by the

he goer enabling places to lood on rough ground or stady fields.

The new year is a development by whose efficiels say that the new

BIG DOORS FOR BIG CARGOES There ships good tring initaliation at the Long Basch plant of Despits

small field a potential landing of permentation has been completed Brewster-Miranda

take-off appear?"

Dispute Settled Export representatives of company to receive \$500,000 in commissions

Waived Claims-The \$500,000 years resents part of about \$2,300,000 the mon under export contracts. The

The school was brought by Brow-Mesodo, Ignoco J. Nimoda, F. Cammuscon of \$395,000-The Ma-

Tread Landing Gear

cet, and landings have been a probless in some areas

plane talk

FIFCTRICAL DEVELOPMENTS. APPLICATIONS FOR THE AVIATION

IN BOMBSIGHT STORAGE and maintenance, it has been a serious problem to polyed by use of PRECIPITATES-the Westinghouse Electric Air Cleaner. It type air cleaners.

FOR SHRVICE PLANES, missive bearing and new type antifriction bearing pressure on aircraft pulleys.

HIGH-PREQUENCY HEATING is finding two increasingly important applications in the aircraft industry. (1) Induction heating for faster, more uniform heat-treating of metal parts. (2) Dielectric heating for mosed-For detailed information on Westingboure equipment for these applica-

FOR TESTING OPERATION OF GEN TURNETS, final number, and other communications

Since white for new booklet R-3281.

agnipment while on the plane, RECTOX Engine Starters are finding wide was at maintenance denote. Advantage: yours is exemited for testing operations without drawing on the plane's battery or penerator.

IMPORTANT THERMOSTAT APPLICATIONS for aircraft: (1) Eathery heaters are uniform temperature recardless of ambient temperature. Units can be built tery. (2) Fire Detectors: these thermostate are located at mimorous points throughout the plane. Should a fire occur at any point, a signal light is issediately lighted in the oppoint, warning the pilot of danger.

FOR DATA ON SUSTINGUISH EQUIPMENT for the Aviation Industry, write Dept. 7-N for new booklet B-3255.





Aircraft Parts from America's New Source of Aluminum

to the final vital aperation - fabricated parts for planes.

lean dangetic are and was the first aluminum conserve to New Reynolds is minime more becalls they was prived in the entire equatry before the war, converting it loss hundreds Division in Louisville, expanded 40 times, has thousands of workers and barteries of machines an 24-hour schedules. Sergo from fobrigating apprentings becomes 30 percent

production. This elimentes scrap headquires for mirrorit manufacturers . . . saves manparer, plant spece, freight facilities ... and keeps inventories direct The ferrialst and courous that created America's New

new source for finished party. Revealer Sales Engineers are ESTRICULA AUTEUR COMPANY - PARTS DAVISON - INDESCRIPT - EX IMPOT . SHEET . EXTRUSIONS . WIFE . 100 PAR . PORGINGS . TUPING . POIL . POWDER















AVIATION NEWS . Asset 2, 150



AVIATION NEWS . Annue 2, 1942



Corp. experts to operate in and out of small surports in

lar, of all welded stanzious steel, will began coming of the assembly lanca of Educard G. Budd Manufacturing

Big Firms Gain

Donales, Beech, Sperry, and Genend report progress.

New mans were reported last Douglas Aircraft Co predicted a year basis. New delivering \$193,666,a month, according to R V Hunt. wice-president, gross sales for the peofed to be more than a bullion other doubling was reported by tion in the first half of the 1942

ter H. Beech reported configuration mental program to sed present and sentenam of all surgraft manufact + War & Navy Issue Stanicage-A new peak in shapener's hy A. Moreus, president, at a board of Navy Forrestal, after they had

increase the size of the dividend because of working capital requirehalf of 1942, when the shapement determined They will, however, be your when not income was \$2,394,-Carro and Treep Glifers-H. J. ing curgo and troop-entrythe slader

thredend was declared. Noncon, ex-

U.S. Forbids Delay

In Renegotiation eress across; eress bits at methods to seek to postpone renegotiations. in the hope that Congress may smend the Reportoristion Statute Joent matractions to that effect

trictors are sections to delay or postpone penegoturipo" pending s possible change in the law The board order stated that to the Under Secretary of War or or I feely to be realized by the con-Says Regrapoission Weak-Mexa-

while, a hardamental weakness

"If free enterprise is to discharge Gross declared, "then it must be put of Lockheed-Vego during the same persed of last year. Gross sothe profits shown on the books were

government had not been renegati-AVIATION NEWS . Asset 2, 1941



JAP CONCENTRATIONS PHOTOGRAPHED

-at 400 m.p.h.

AVIATION NEWS - Amond 2, 1965

Tucked in the belly of the News's sauriy is a Tebioseo comeso mount. The pione floates over a Jee base photographs a ship concentration & Whitney 2000 b.p. engine might people small those what secondarie spece nighters. But the commerc in held steedily, and all pictureblaning vibration is obserbed.

The enumer to this removedable take besic principle—the Rebinson principle of vibration control. This seems Robinson principle, on preven by to severe vibration archiers in the If you have a vibration problem. we may be able to help you salve it.

ROBINSON AVIATION, INC. 730 FIFTH AVENUE, NEW YORK, N. Y.



MINNEAPOLIS-HONEYWELL

A ERONAUTICAL INSTRUMENTS

TRANSPORT

CAB Examiners Preparing To Handle Flood of Route Cases

Emphasis to be placed on faster schedule rather than changes in procedure; more than 200 applications in.

The Circl Accordates Road will also has notified Universal Air ruly on Increased terrors under its. Frencht Corp that it will arecord in present methods, relier than pro- the near fature on its application to column changes, to loyers the jum become an interstate entrier of acr of come that confronts it. CAll frombt, a motter expected to bring

the head after its addition to pro- P Ann-Moneroly Safety Value-In tions have been received, and 30 to. Justice has intervened as a recent The language solution most up- rate cases. The temphest of these

served lies in expansion of the ex- have been assigned and are being official conferences with the Budget bille don't that Congress will be soled next year at the latest, to tion of the Crul Accountation Act, division for the exacting work re- over

Face Tough Schedule - The board's examiners free a perioding scheddates this correct fall, winter, and

b Hand Nees... Some of the bard mate

routes from New York to Boston. tigation of the general problem of correct by heart standards may be

A Close Man Per Con-The beavy Two examiners altend imperior professionance in a number of inenurgener has called the "hrake of

Horger Reuses Foreseen-In eight

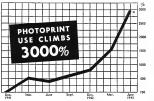
proceedings revolving 19 nucleo-

tions, prehearings were hald before

address to new route cases, in many of which the Department of tember and October Late accuracy turney anti-mesopoly move, the CAB exteniers don't just stop tion of the feeder line miturison The naturation is that applicashellts and focus it on their read dulies. With mon in all lines hard tions for foreign roaden will retain



Hewlackes Coming: With more than 200 new route applications pending these Circl Acronanties Board executives are looking forward to a busy winter source. Left to right, they are: Vincent L. Gingerich, Berdon M. Bell, T L. Wrens, Chief Exerciser C. Edward Lettere, Assesses Cited applications have been filed, to H K Bryan, and J Francis Reilly. Not shown are Wilhow J Modden,



FLYING PHOTOPRINTS SPEED AIRCRAFT TOOLING IN THESE LEADING PLANTS

Photoprint departments are in operation at Consolidated, Brewster, Briggs, Douglas (Long Beach), Fleetwings, General Motors, Goodvear, Interstate, Rvan and Vought-Sikorski. New installations are now being made at Douglas' Santa Monica and El Segundo plants, American Aviation, and Willys-Overland.

PHOTOPRINT COMPANY



5867 TOWNE AVENUE . LOS ANGELES ELIZABETH, NEW JERSEY U. S. Must Plan Post War Disposal Of Military Transports . . . Pogue

Market will be glutted for long period, CAB chairman says, urging orderly disposition of production facilities.

of which should include representa-

Speaking a few days earlier in

1. Wolch Porus, charmen of the surplus for transportation accounts-D Cornequezen Speakers between the Lee Austies Aviation Forum. no planeing, and the surplus air- market coult on hand at the end of this wer babbles, we may be remonably sure 3. The transport strendt worket uster a blow from which it will and the CAB Murkey Saturation-Poppe noted the traditional policy of knocking & Poscwar Susplants-"I have furth highest bedder with the consequent saturation of both domestic and for-

wise. He pointed out that surplus alternative to duriging, and added Costly Liquidicon-"Of course, served to take care of the immea very large and coetly first of

Leggs." ON THE BIG BOARD NOW: Survey Advand-Parse supported AVIATION NEWS . April 2, 1967

ment or plan, as order to determine gested that we can avakipate a CAR Chairman L. Welch Poster, the

and offered of the Les Bill, now pending in Congress, should be a cause of air transportation and contives of the Wer, Navy, State, Treas. > Surgey Year. "As a metion we added "It is vital to our propie and

not wholly subside We must conaggressive, practical application in the doctorate of this country just as tiruse to depend upon the strong yeart of competition to keep un growing in this vital field " On Aug. 3, Porce was schoduled to during "Merchandning By Air." before a meeting of Oklahoma City. sponsored by the Oklahoma Crir address at Tules, Okia, sponsored



When "PCA" flashed arrors the tipker tape of the New York Stock Exchange recently officials of the line were on hand to great Kuchange Presscont and value, should be undertake non, unpresentated Res Locked, pressurer, C. Redell Moure, prepared

. CALIFORNIA AVIATION NEWS . August 2, 1965

Airlines Policy Committee Expects More Members Soon

United and American Export may join other domestic lines which uree free competition and Private Ownership in postwar international operations.

As the Arrives Committee for ment saying United had declined to further its plane for international barred from giving serious consideroperations, there appeared a growune Markhood that United Air Lives would become a significer to the Filiping Only Holdoor-When that statement was seasod in mol-July. Unried win the only heldest among Pan-American Arrways and Amergen Expert Artimes, operating from

U.S.A. on an international status, FTo Mect with P.D.R.—Meanwhile Selemon principled that the committee would open an information "We hope all certificated corners. office to keep the public informed S. J. Solomon, president of North- & Warklands Policy- In their policy

statement was made public, with its ownership, federal encouragement 14 servers. United's prominest, W

A Patterner, award an appender- tation system, world-wide freedom

Not Carried Un Globe-Yes: Airlist officials and representations study opportunities for international air transportation of a policy assessment tiess tal & Western Av. S. J. Salamon, proudent, Northeast Arrivan, and charrens of the Police Committee. Clinton Hester, nearly appointed offer-

granting of civil and commercial besides Solomon are: O. N. Mouer.

Paul H Brattam, vice-president et Restern Air Lines, Cred Bunter, president of Northwest Airlines: C. president of Trenscontinental &

Safety Bureau Halts Rulings CAB forestes error chooses pending way's end; advance releas have

vocce sa new rules. Aerenouties Board, certain that in flying, and difference in equipment will change the not proture Pillor Views Asked-Not only does tempts are being made to cut the of a spurid weekd-wide nor-kranspor-

> "There will be a long period of areds of boys eager to get into bug amenations on civil are regulations A Trees. Man's Air Another difficul-

From War to Convergen-Many of

to more exutaous pescelime opera-The bureou is fearful, too, lest returning priots accustanced to higherability forcet themselves in slower

A Camplete

AVIATION

INDUSTRY

AVIATION NEWS . Assurt E. 1941

Flacer Scale Private Flying-Thought is being green to the porshifts of postwar private firms. AVIATION NEWS . Asset 2, 2002



suremain's by either the resonance tube method or the reverberation method. We are prepared to develop new test methods for any unusual or encountered in sound and vibration, * If you are faced with

> any problem of sound or vibration . . . submit it to scientific test for ick and accurate solution, Inquiries are invited on specific problems.

TESTING SERVICE UNITED STATES TESTING COMPANY, INC. HOBOKEN, NEW JERSET

PHENDRUPHA 00000 * Annelosa Council of Commercial bellocateries

Railroad Hits at Justice Dept. Interference in CAB Applications

Kansas City Southern says intervention requested by antitrust division is without justification or authority.

of the applications, said in a reply sutharriv" for the proposed inter-

Trendyl Pan Atlantic Steamston

SOUTH AMERICAN VISITOR

newtest surfices will be on re-

could not obtain the authority sought without having proved that public convenience and recessity re- On Monro Charges

Finally, the reply pointed out that

the CAB is the "only governmental

would not violate the unti-trust Official silence from the milroads "It is obvious," the reply stated, "that, to the extent public convenpresident of Proportyana-Central sence and necessity would justify Airlines, asserted a real lobby to applicants' proposed councilles, said remacune the nor transport field. It was learned, however, that the the requirements of public con- situation is to be discussed at a venience and necessity and to the

> there was no industrian whether the association would take public cornumber of Monro's charge P. Youchy Situation-R. V. Fletcher. vice-treadent in charge of the orhand that he official comment

Rail Men Mum

Association official solvains labbation

ture to porture problems. L. F. Herizontal Menopelies - Monro Innexes. Peden Sejopdo Pilko, Brazilius sur esisteter, inspected the model Boston the "increasing efforts of surface carriers to force their way

Brazilion Embassy staff They were quests of William A. M. Burden, speinto the sir transport field" if eaccessful, "could not fail to stalted Heuster Polic, and Carlos Morties, Branties Ambassador

stress the same theme in a speech Aug 3 before a Change Engineers Club luncheon, where he is to talk Sendrume route to Europe, which

Airlines Plan Clearing House

and Canadian carriers removed

Lemned at first to operations of Arr Transport Association members

Lost, Hungry Pilots Urged to Eat Bugs Dure are good to cut and- up a challenge to your surveyal." whole wood-there're warrished a Survival) you can nibble away hart you. Some of them taste The white grate that restle ragion it's 116 pages of informe-

cells the econstitues

of anybody," says the lared pref-

Hack them open, eat both terrates. medicine editor of Time Maga-



BEATING CARGO STOWING PROBLEM

tion. To mounts worther the Western Homornhorn afron, ATC or near flows. crear form. Its fundamentals have Expectations are that legal details here convoved by the Avine Fi- of meorgenism and other profin-

names and Association Conference locted in Apriance Cleanury House. Designed at Expedice—Designed to

> mened syntat government transporthe lines will occur through clima-Nation of the lone elections pene-

of which the number of their trans-

(Fare to poor 44)

AVIATION NEWS . August 2, 1963 AVIATION NEWS . August 2, 1943



"Will it be Jobs or Apples, Mr. Kaiser?"



"I hope that you are one of those who'll see to it that none of us will be selling apples on the street when this war is won," the young soldier said to Henry Kniter.

wear setting assesses than Mr. Kasser's impuring words to the gradienting class of Wishington State College. . . .

"Der tools und machinite un worzug zur; oer zuhanzer is bezug connerted, war restapperation system erake und gransa, van halpwegs ein eindeposielt om peagle held safe und conformite beauing, gerhops by millions of seus-Tities is demand amongh as zight in derp every productive feiter en America unstalling to expant for 22 pears?"

May we shake your hand on that, Mr. Kaiser?

The healthing of the new America is upon to be done by

consignous, venturemente en en Montwho an "self samman."

The job is gaing no be done by from of near in five of wing some genes, some sammagly small. By the man who genes a constroint ship in fittine dupt. By the man who designs a possible solde on fit year buy pockets. By the cross
who discovers a way to samplely an presume a product in a webdiscovers a way to samplely an presume a product in a few.

This news-piezze magazine of science and industry, Power.as. Science Monthly, server 700,000 of them. Some are passacions force are engineers force are electric matches. One of these way by Horse J. Kwiser.

welders (fine of them may be Henry J. Kniner. Their common dementation is not really, not income, nor say of the convenient preferrick. It is a ratio of resid. Whether they contained leaders, or young rate onthe wayon, they have a metal enchanced impaisturetion that another them were to know hear sleap with they're common a premisers . and if you, or you. They're common a premisers . and if you, or you is that englished. It is not the present of the private a part in that



THE NEWS PICTURE MAGAZINE OF SCHOOL AND INDUSTRY

AVIATION NEWS . August 1 1945



Card Waldon G "Swede" Galem (standing), expensiondent of floring for nadar Janebi E. Darres to Nuecous and return. His associates at ICD head-Triusble, the Distance's chief polot. Under contract to the drivey's dir

Tabulature cards and business Plans by Whoos, and Lockiel --Development of the new plan is new system. The proposed bureau in the bonds of the conference's will clear conched tabulation earth committee on study of control agenthrough a collator Most lines now ces, of which E I Whystt viceuse card-punching devices For

Truck Lines Ask For Air Routes

Surgary of spelcations recently sate Heights, and Reach Boxes N 2 Preserve of Statute and Sin Science, A referre E R. Co. Direct, Colo School, Bell of Statement of Statement

Groves Joins ATA Other Association changes are an

Assport shortly to join the stuff of subcommittees. His office will be

A series of changes at ATA began Backer joined McGraw-Ball Pub-

rag in September Hirricry by revenuedy an Asso-

TCA Starts Own Atlantic Service

TCA expects to contains flights as after the war, although the wartime represe, being restricted to mulitary or covernment officials. Canadana-

Washington Plaint Tacked up in the information of-

"Our Motter Why Dores't Some-AVIATION NEWS . Assest 2, 1963 THE NEWS VIEWS

But they don't tell how he came

cested to Mrs. Damon that she pack and so with him She did-to the Curtis Wright plant, where they Domen roes back to American from Republic Assistion, where he

try production of the P-47 Thanderbelt. He was granted leave of ago last month, he went to Queler win a Phy Reta Karea her, edg the Harvard Creesan, and become

in the Air Corps. He received flight treates at Park Pield, Memphes.

Donon storted his corner with reason greation command duties us

PERSONNEL.

Ray Redmen of Sell Labe City has Bench manager, Name Malloy, Spring

Decay Drivers, Composition Varior Agreest Corp., marc 1942, recently



Wilson H Woman has been moved have been added to the staff of United John P. Gate, vice-prendent and pen-

positioest to the Smaller War is Bush seried because he believes





Vice Admiral John Sidney McCoin. U.S.N. Deputy Chief of Naval

carries Heavy his been associated

Warner L. Josep has been made divi-

Lawrence Scutter and Co. where he has been managing partner of the More York and Chacam offices G. M. Williams in pendly named vice-



Rear Admiral DeWitt C Russia most Ractory coverended the oreraft cerrier "Suratoge" and earlier

president and assurings to the presi-

don't of Curtise World Com Wil-

Value same early 1942. Formerly he

Mile NeCommon Interesty production merger of the two companies became virute. McCamtion skinning at the Blatter Meter Sec 5. Seint fremer's action several

Other officers are Essent H. Harrider.

elected general manager of the

Through reorganization of the cogineuring department of Hamalton Institute of Assonauties! Sciences

FLEXIBLE SHAFTS

that earry power around any corner to our spe-

cialty. Periodol, demandable recover drives or re-

mote control to similares, tanks, skewal corps raths, and many other was and commercial

products. Shafts made to your specifications. Our engineering department will work out your

perfectler power problem without obligation.

Write for Manual V.

Aviation News-Auror 2nd Issue ADVERTISERS INDEX American Photocopy Brussment

Bendix Avestion Boots Augreeff Net Corn and pove Ritel-McCullough, Inc. Facebald Regree & Appliance Curp Furlism Carter Core.

Miccongoon-Honorywell Regula-Mossener, Donald P., Ire. Avantan Corp 4th ores Robinson Averton, Inc.

noted occur engineer, and five au-

APROD makes photocopuse

Drown or Plategraphid

M. Citt St. State and AVIATION NEWS . Agent 7, 1949

Waite-Rodgers Electric Co

cral sales manager, Walter 5 Tran but general plant menager, and Carl F. SAVE MAN POWER in the development of Reder squary Deportment wi

2940

ufacturing at International Besidess Assertion Airlines, Inc. has experiented

Helpet officer Be-New York staff.

Dee Rosmanna, formerly of the Port of meterials of the Lousville Divinos flight operations charf has been marred nanutural charf point for Look-

AVIATION NEWS . Aprost 2, 1949

being representative at Works Field TELLING THE WORLD Thomas & Blains, to chief production for Bays Arremouteed Co Waldman experimental engineer, and Charles M. Robert & Hemeland, newly appointed Miss Hand Brooks, Supervisor of Stowanisan Service for American Arrivan, essential to L. M. Reol, personnel diraky-set pan preour acryice since July, 1937, m

bearing and ex-

was " The honer.

the Award of Merit, is expely be-

Letter J. Halmback, for the nest 15

este Coast for CAA, has been up-

posited chief point in charge of flight

In organizational charges at Socrey

Gyrocope Co. Inc. Hugh Willis haz

his patter town. Eard law After sity of Michigan, he joined the Em-

players' Mutual Leability Insurance Co of Chicago. He is a member of the Missouri Ber Asse, the Lawyers' A new Universal Parture starring spence ectually Streed in the Vege plant at Burbank, Cold., with succe and Venture bembers. Mass Durken and Cetter age cast as workers on the schuserwest while purticipating in five separate bember consist marrors a William Key, turner city editor of Included arrows recent properties of

over enemy occupied Nursee

lowing: Deah F. Dallong, to chief planming engineer: Date W. Heebes, to chief impactor, Nincorn Palls place. Bireld Green, is coordinator of enginorme changes; Charles Widon, to Exerwant permanel placement About F. Torser, to chief of suspection, and Eulph Peyers, to chief at placeurg Just Adems, publicust and yournalist his airline appointment he was direeter of the news bareau for a Call-

forms shappesting company. He has Ann M. De Cesa, supervisor of Westtonors, Rig Red work stations at 7.32 m.m. (castern war tune) on Mewtown

and of the war peogam, doesn't for satury or thpost In addition to harding on-

shovest measure claims. Miss Da

so earner, has appeared in a bright, * The Army Air Purces, with coopera-

dring a new half-hear radio show workly, each progress featuring a Bell Aircraft The program of July Fortransa. Other companies will be down through the last. The program may be heard on meet Matural net-

(Assistion News each week re-

about unues public relations

FAD, plant publication for em-olarses of Frirrhild Average Division

of Farehild Engine and Airphine

Corp. Hagerstewn, Mr., pablished

halftones. James A Wales, Jr., in

with Director Bay Bell A newsy

PCAIrmone is a new peapert of the

A Flactures Arms methoded for

evelences of Fleetwings, Division

informed of doings to avention

remergraphed publication called

regardley since February, 1943, has been come a weekly. Forward was charged

• Leo Sobsendolds has accepted a ponixo with the radio division of Benstall as Eastern editornal representa-



















1943 Airlines Earnings Will Lag Behind Last Year's Record By ROGER WILCO

Hasse was in section earnings for resulting from the sale of planes and some time to come was probrurs, after all fames and charges of

me conditions no longer percent. as the shorp reduction in word coreprograms ordered by the Civil sir carriers. The new rate, eatabrecrementate a service rate-out! take its fall of the previous level of Further, effective July 15, the curview weighted reduced tariffy for ness Operating at capacity, this measure will not ettrect additional these target with a peace flavor. By business Such gains will come when more planes become available. Meseower, existing contracts with

favorable been to the autures. These tribuland to profits, certain neeved overheed burdens were also also

ing factor on autima cornings as ex-In looking at 1942 results, it will be found that reported pealts were substantially belazered by the gains equipment. In effect, 56 percent of first built of 1942.

earning will be almost completely result of the expellent excurre of the immediate past, hove recorded

market has only advanced 23 perary, 1929, to June of this year the hera sustained by far reary retrail enally by the projector public This

There have been increasing indiselves. Market values for many of 30, 1948, the set worth of Penns Server 1945 Of this senant \$166 - the currier's comings came from non-operating sources. In other words, the 'normal' earning power at rapre than 50 times last year's

Ask Stock Resirement

could be arranged. The same bean letter to stockholders in American Afritaes as vice-president

tones deeply by tone is offer-Braniff Plan

Bears' Arrears stockholders will from 460,000 to 1,503,000 shares, T. party may use part of any newly

Budd Dividend

preferred shares Over a period of on shares outstanding on that date \$590,658 after federal taxes of 1942 period, net poedts were \$955 .-

AVIATION NEWS + Assurt 2, 2943



LIGHTNESS Keens 'Em Firing Longer

Thanks to the lightness of Boots all-metal, self-locking muts, which protect a Flying Feetness, it can carry 200 extra rounds of .50 caliber bullets. This extra ammunition weighs about sexty pounds - the weight saved by using Baots Nuts, in place of other num, on a heavy bomber Boots Nuts are not only lighter than other nuts-they're

tougher, too. No amount of place vibration can loosen them. They withstand the conceive action of chemicals, salt water and weather. And they can be re-used again and again. They literally "outliest the plane," Boots all-metal, self-locking muts, used on every type of U.S.

sircust, most the marification of all conformat councies. "They Ry With Their Boots On-Lighter"

BOOTS

SCOTTL ABOUNT NUTS, Seen

Worth \$2,000

Mail Priority Is Not the Answer

THE WORLD'S PERSON ATS MAIL STREEM IS BOATERN The woman risks and man arrange of the column of the colum being determed at autoptic or being casted off to trains every day is enternous. Week by week the pass piles up. The problem is rapidly reaching the showdown

Not so long ago one of the Army's reasons for failure That charge is no longer valid, if, indeed, it ever was Responsible officials in Washington new report that High postal officials have taken the matter up with

the Socretary of War and serious consideration new is

petting on the planes. The two classes of traffic are al-

No one denies that the Army, Navy, and other ow-But reliable reports stream in from all over the country that prierity passengers are occurring upone on or indirectly for the war effort are unable to obtain

swater can been 266 Ib. of mail, or 5,660 letters, from This expense prescribes anothers in coors more difficult to. bandle because it involves thousands of pieces of Another bresidown resulted from the fact that orrises offices, and consequently shapments of war maternals from each points were power greated any As in the case of passengers, important consegrements

transcontinental true as fevor of priority passequent or other priority traffic. Repress delays of one to three dion for this reason are everyday seatlers. Much express, even under priority, never gets back on a plane

be handled? Like the old Washington materials concestion that placed WPS last year we shall reach and today's problem will still be with us

Wis move reaccess the point where we must weight carefully the value to the war effort of mountain-

The Army contends-mainly the Air Transport meeth and seeds them more than the surely-pressed

many military transports are estima in honours or on remort remore day after day. They see the Army and have furnished with fewer zeen and planes. They search for additional transports. Meanwhile, the Army, having taken half of the airthem. Yet air mail poundage alone is up 15 percent Express is storrockstars even barber

There is noby one arrayer to the problem of advancemeal, express, and passenger service, and that is more pracrities system has collapsed in red tape and endless

od Dever and never will be

OF DESIGN

.. are working together o make good planes better



Ow of the most significant aspects of the contributions of the already fospecialized research. Densied information concurreing the results achieved by our engageers. is of gallities necessity, restricted. We can, however, mention a few among

Assent these were: an accompanie research assignment on a well-known combut plane which has seen active in many engagements; a faster research manufacturers; the development of strong, lightweight plants assumantian found and the resent points of the person person because the use of weight strong plants. We are prepared to carry out further research assignments - with particular reference to flatter research, and the descripment and our of plants; in many phases of sircreft design and minufacture. We shall welcome inquirtee.



MSDONNELL Aircraft Corporation AVIATION NEWS . MILEM 2, 1963 Manufacturors of PLANES . PARTS . PLASTICS . SAINT LOUIS . MEMPHIS .

